

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 20:14
 Operator : AR\AJ
 Sample : Q3023-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-PILE-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:44:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.877	51336392	785.5E6	17.492	35.623 #
28)	SA Decachlor...	9.067	8.063	57966209	334.8E6	13.431	12.935
Target Compounds							
2)	A alpha-BHC	3.998	3.389	288.3E6	1844.3E6	48.039	54.343
3)	MA gamma-BHC...	4.328	3.725	280.5E6	1490.7E6	48.978	47.823
4)	MA Heptachlor	4.926	4.077	253.9E6	1440.2E6	45.273	46.173
5)	MB Aldrin	5.267	4.362	255.4E6	1443.3E6	47.177	47.391
6)	B beta-BHC	4.514	4.021	100.8E6	821.1E6	44.919	61.597 #
7)	B delta-BHC	4.762	4.256	265.9E6	1482.1E6	51.354	46.976
8)	B Heptachlo...	5.687	4.866	228.6E6	1311.5E6	46.582	47.354
9)	A Endosulfan I	6.071	5.240	215.7E6	1145.7E6	46.743	43.693
10)	B gamma-Chl...	5.943	5.118	224.1E6	1446.0E6	45.826	48.834
11)	B alpha-Chl...	6.023	5.183	231.3E6	1361.1E6	46.986	47.694
12)	B 4,4'-DDE	6.192	5.368	196.2E6	1340.9E6	44.699	46.522
13)	MA Dieldrin	6.343	5.505	226.8E6	1399.3E6	46.328	47.780
14)	MA Endrin	6.570	5.782	186.5E6	1208.4E6	45.017	45.374
15)	B Endosulfa...	6.783	6.073	185.5E6	1143.0E6	43.951	45.187
16)	A 4,4'-DDD	6.702	5.922	163.8E6	1061.6E6	47.361	44.152
17)	MA 4,4'-DDT	7.017	6.175	156.0E6	1032.6E6	40.951	41.189
18)	B Endrin al...	6.912	6.251	133.6E6	794.8E6	46.580	46.154
19)	B Endosulfa...	7.146	6.475	167.5E6	1031.3E6	42.756	42.303
20)	A Methoxychlor	7.490	6.746	72701734	490.4E6	36.249	38.028
21)	B Endrin ke...	7.627	6.983	179.0E6	1060.7E6	43.187	39.808
22)	Mirex	8.109	7.177	113.4E6	787.7E6	35.938	38.136
23)	Chlordane-1	0.000	3.898	0	30033204	N.D.	33.786 #
24)	Chlordane-2	5.215f	4.499	2493716	8173954	14.167	8.533 #
25)	Chlordane-3	5.943	5.118	224.1E6	1446.0E6	330.485	521.849 #
26)	Chlordane-4	6.023	5.183	231.3E6	1361.1E6	278.572	565.490 #
27)	Chlordane-5	6.867	6.073	830243	1143.0E6	5.924	1039.111 #

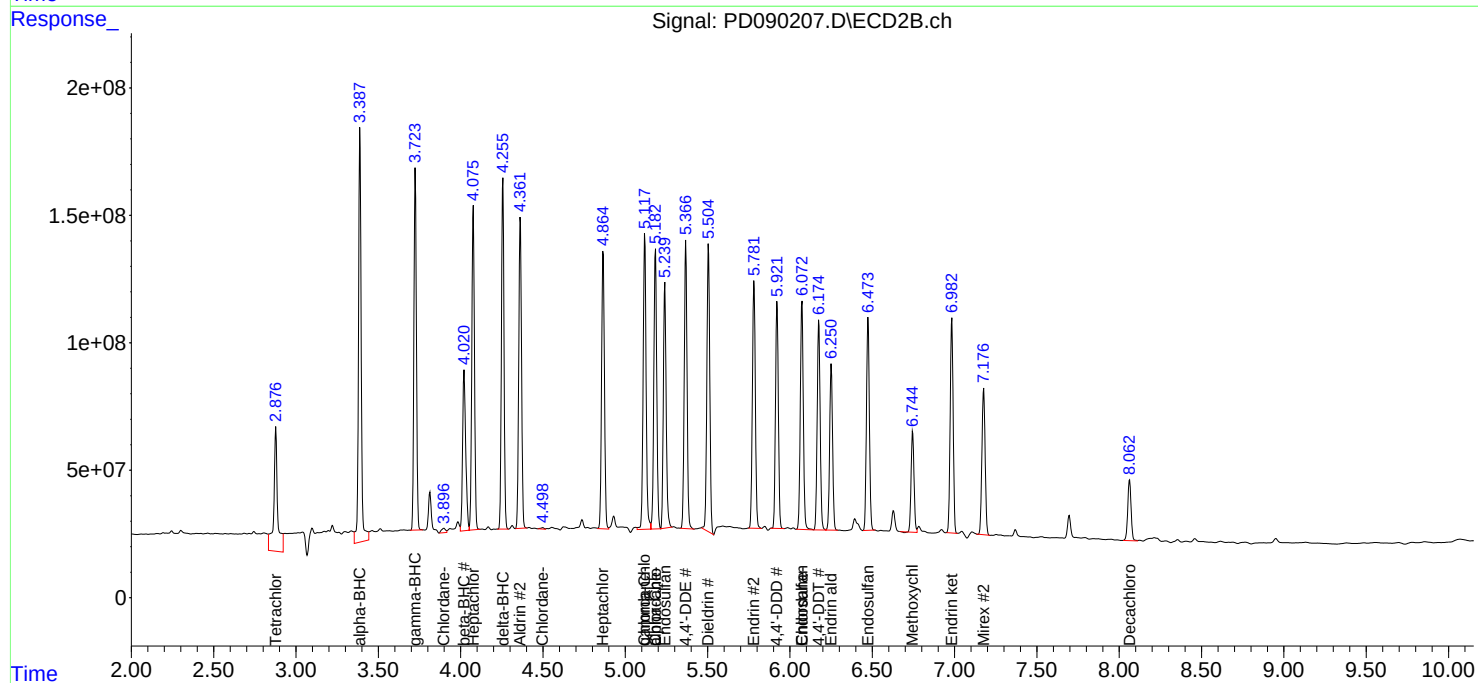
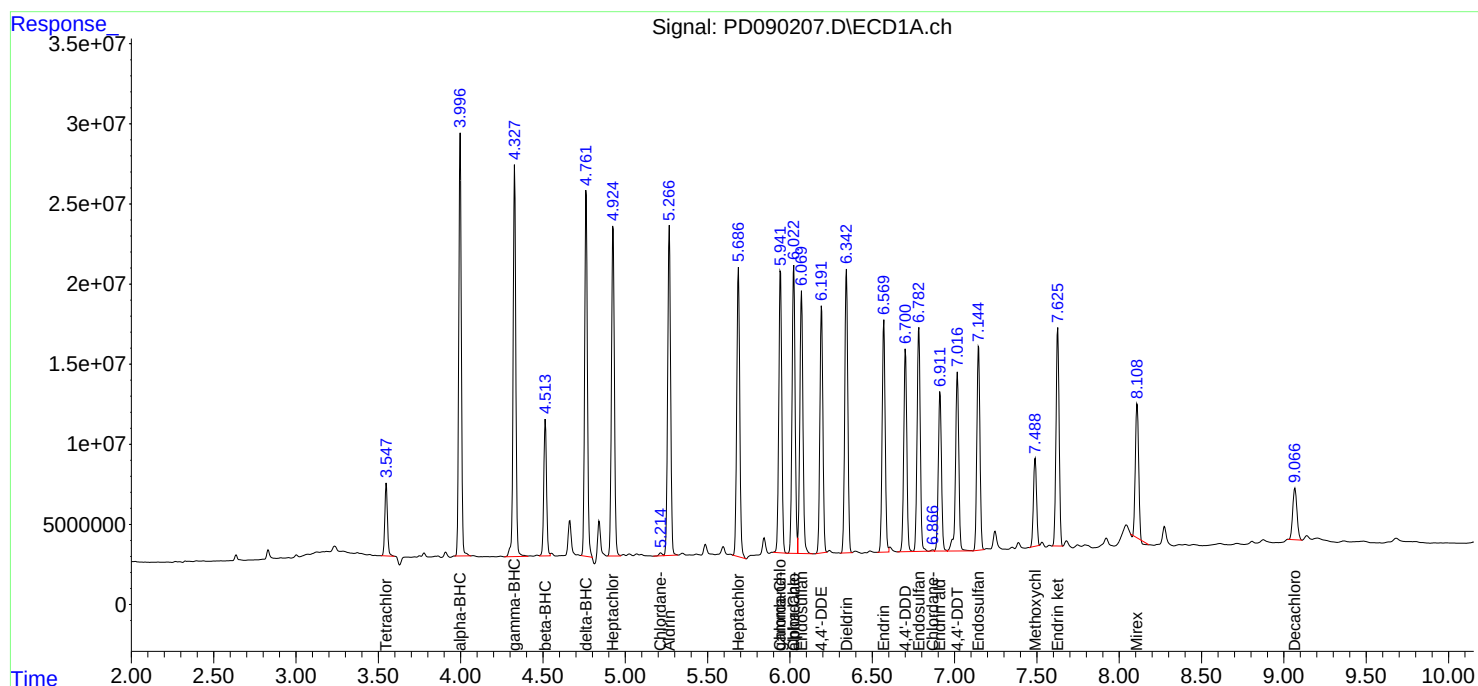
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

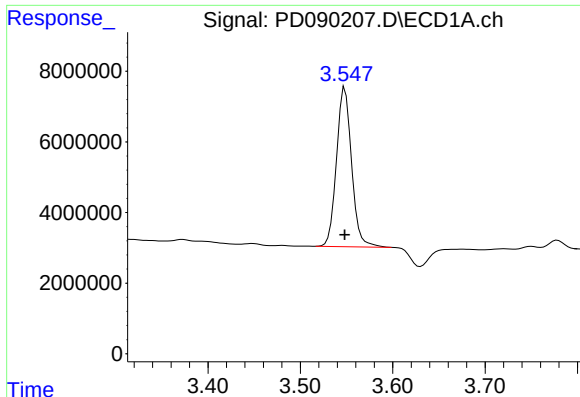
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 20:14
Operator : AR\AJ
Sample : Q3023-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 01:44:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

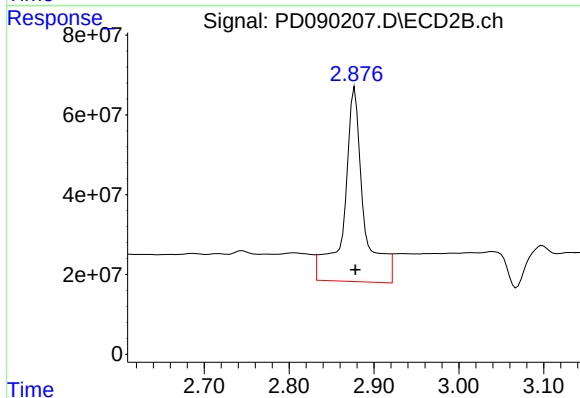




#1 Tetrachloro-m-xylene

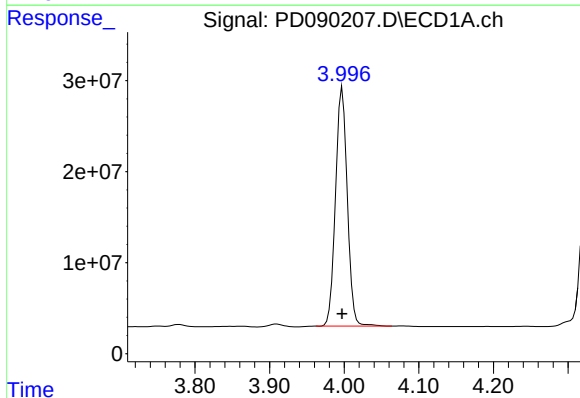
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 51336392
Conc: 17.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



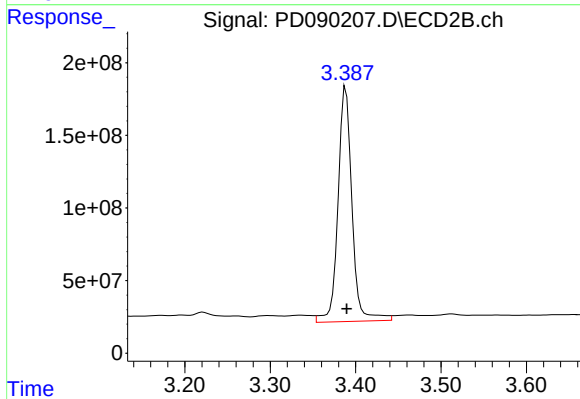
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 785512732
Conc: 35.62 ng/ml



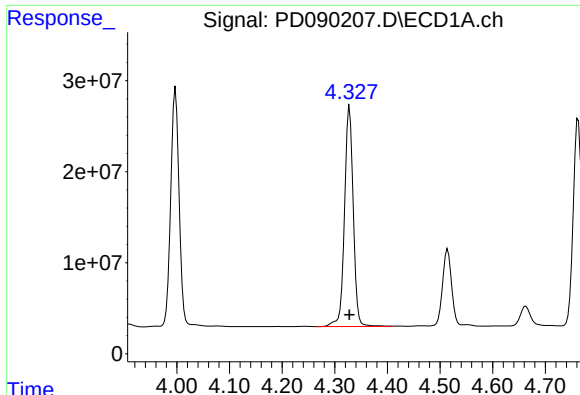
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 288343315
Conc: 48.04 ng/ml



#2 alpha-BHC

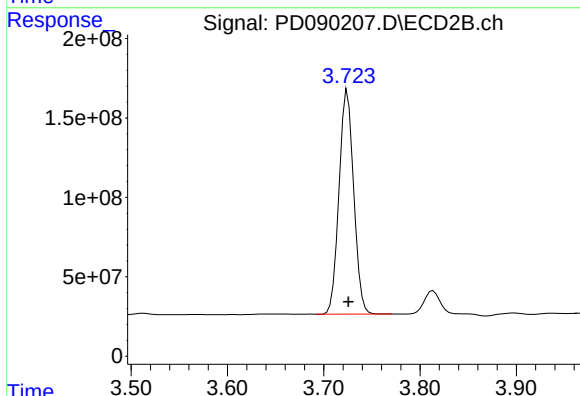
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1844334385
Conc: 54.34 ng/ml



#3 gamma-BHC (Lindane)

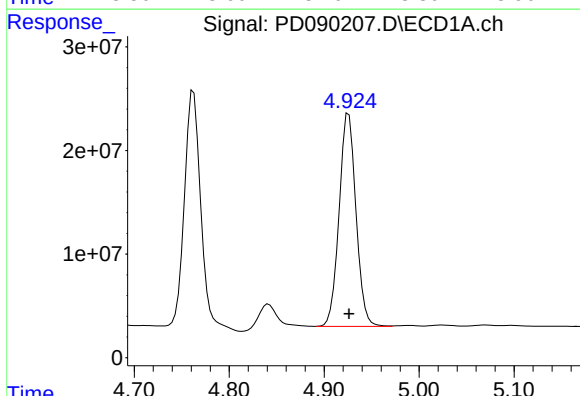
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 280487743
Conc: 48.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



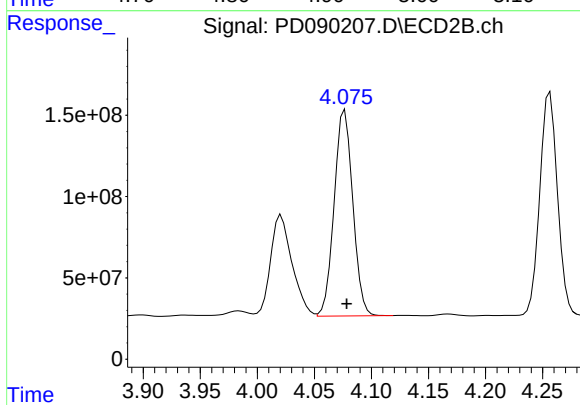
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1490665601
Conc: 47.82 ng/ml



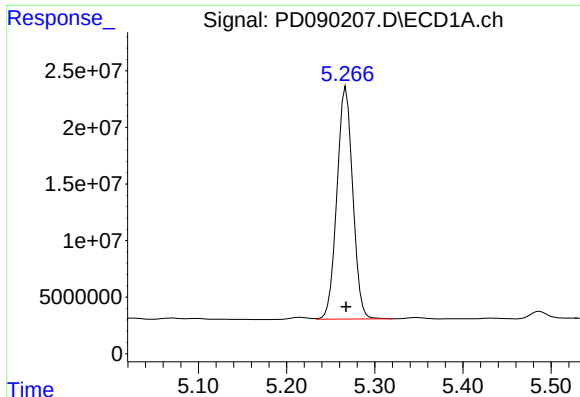
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 253944873
Conc: 45.27 ng/ml



#4 Heptachlor

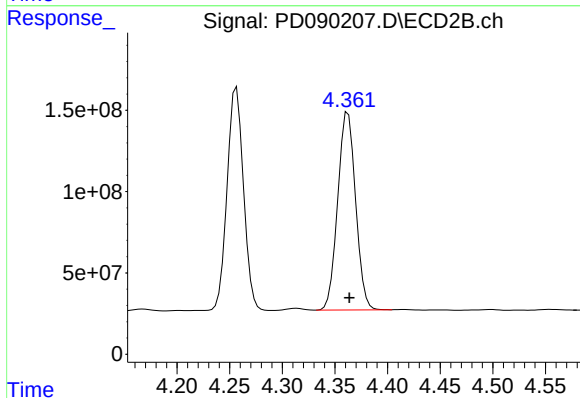
R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 1440201088
Conc: 46.17 ng/ml



#5 Aldrin

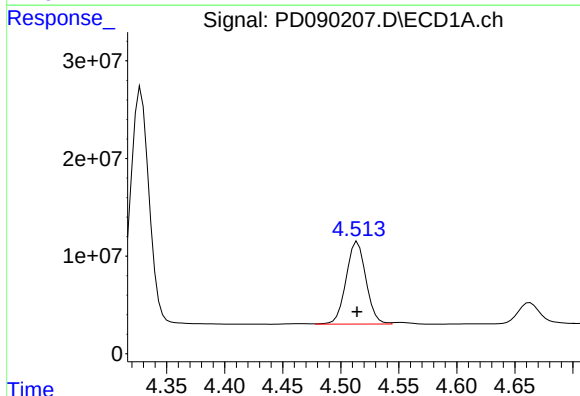
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 255443150
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



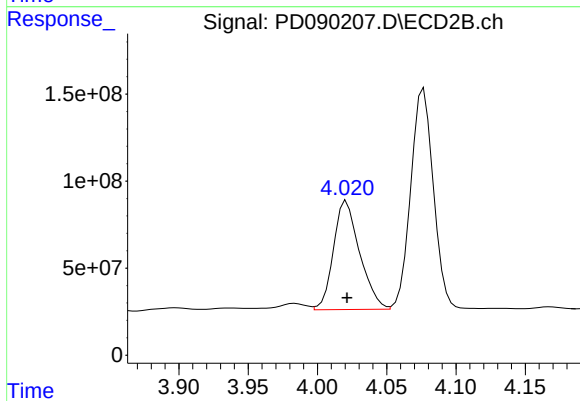
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 1443335779
Conc: 47.39 ng/ml



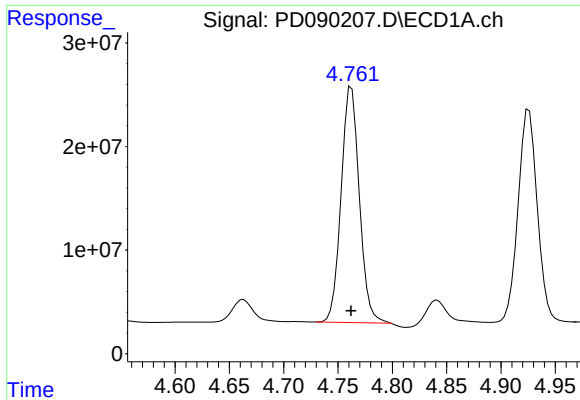
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 100754362
Conc: 44.92 ng/ml



#6 beta-BHC

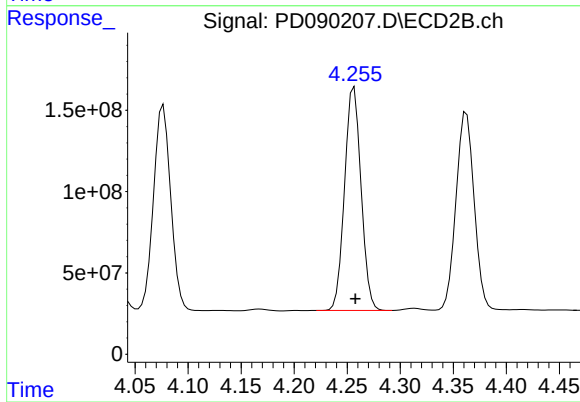
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 821102093
Conc: 61.60 ng/ml



#7 delta-BHC

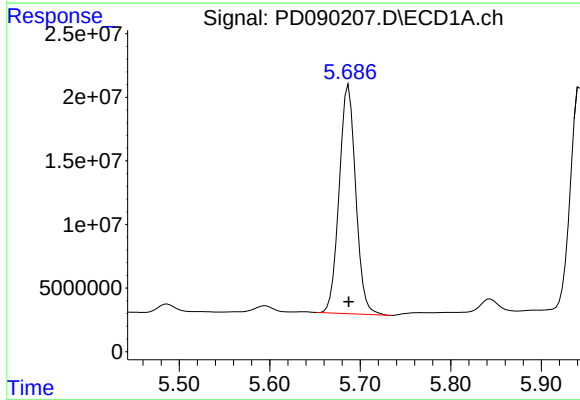
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 265897420
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



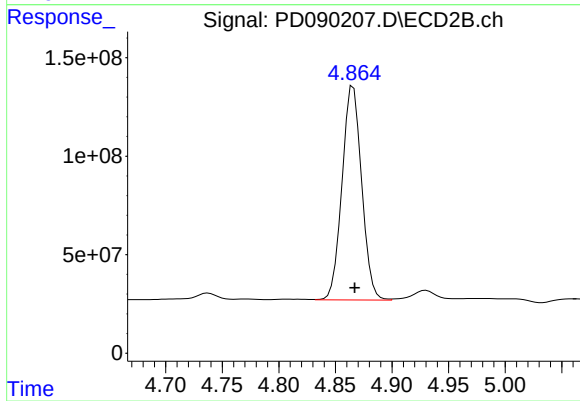
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.001 min
Response: 1482090944
Conc: 46.98 ng/ml



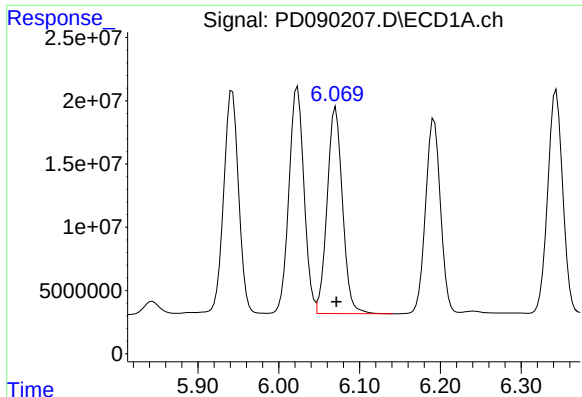
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 228567762
Conc: 46.58 ng/ml



#8 Heptachlor epoxide

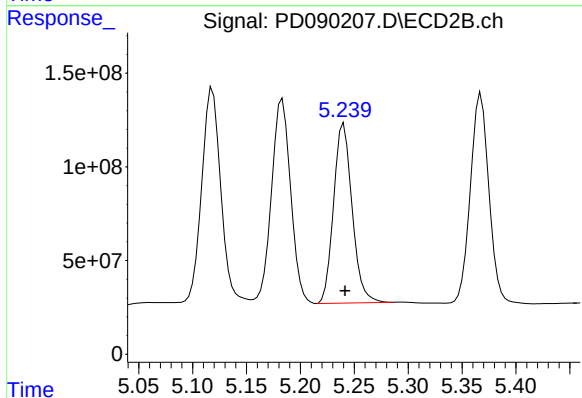
R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 1311452402
Conc: 47.35 ng/ml



#9 Endosulfan I

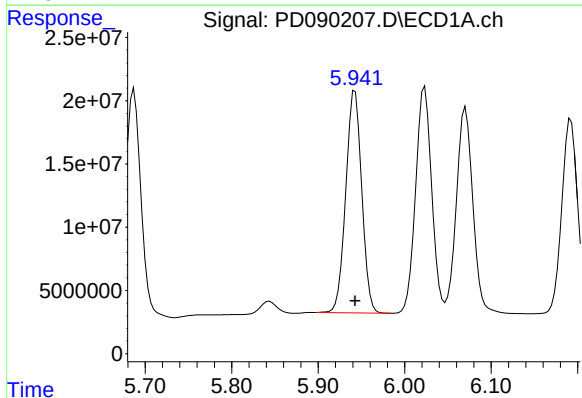
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 215712525
Conc: 46.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



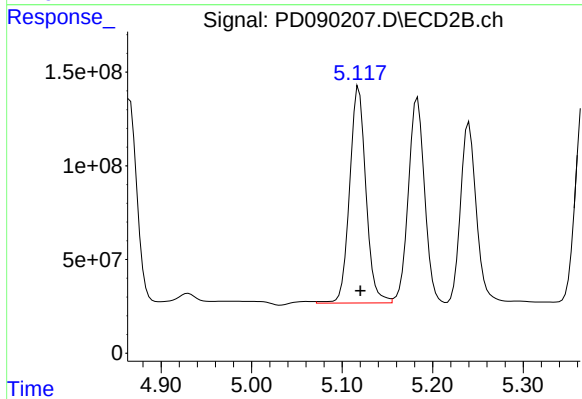
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 1145713700
Conc: 43.69 ng/ml



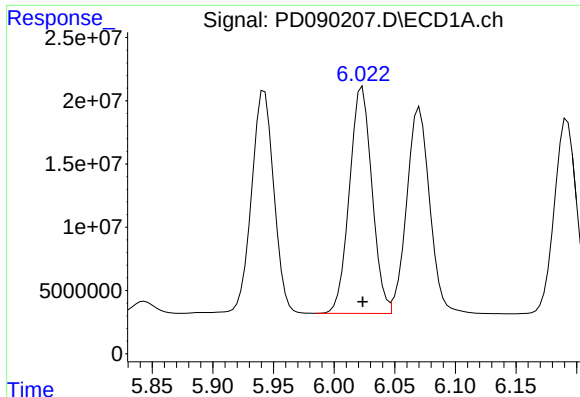
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 224135844
Conc: 45.83 ng/ml



#10 gamma-Chlordane

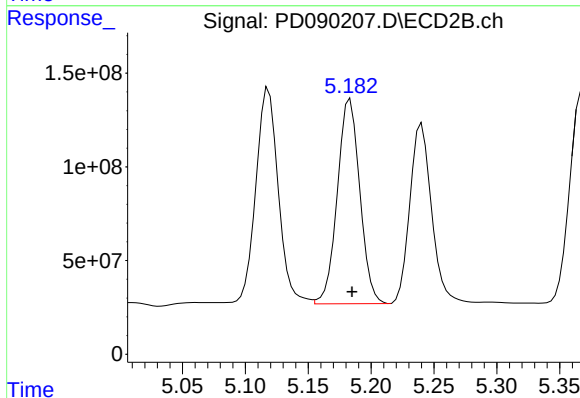
R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1446024331
Conc: 48.83 ng/ml



#11 alpha-Chlordane

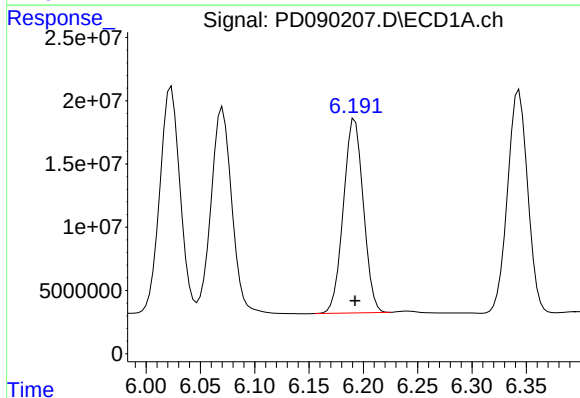
R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 231283677
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



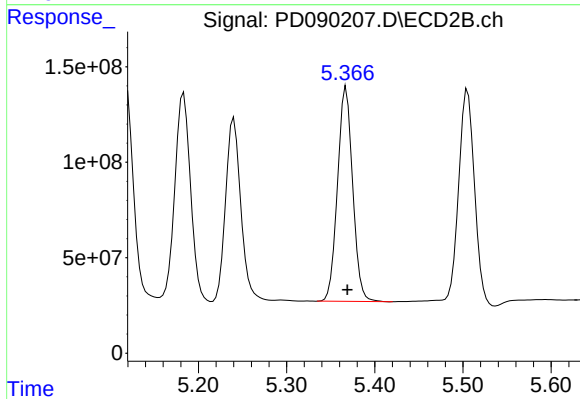
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1361089139
Conc: 47.69 ng/ml



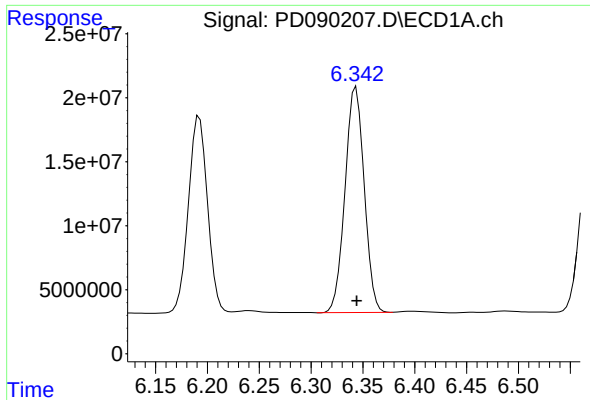
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 196151280
Conc: 44.70 ng/ml



#12 4,4'-DDE

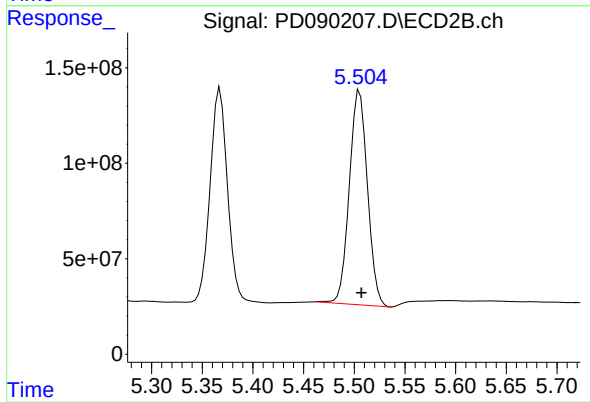
R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 1340889652
Conc: 46.52 ng/ml



#13 Dieldrin

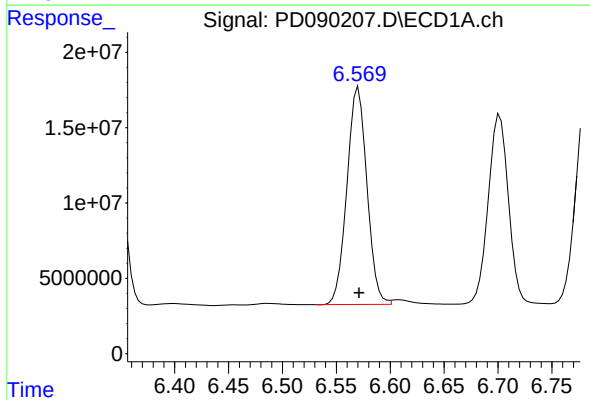
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 226809665
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



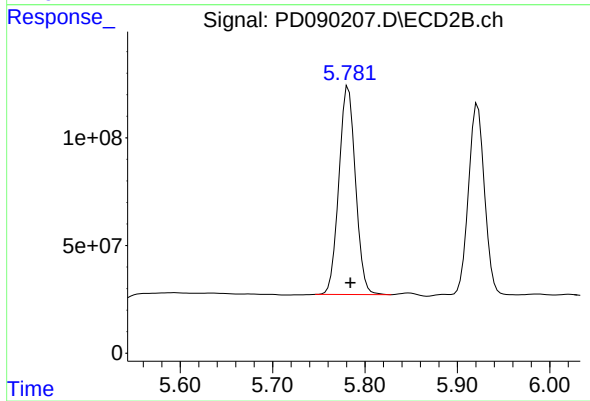
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1399335854
Conc: 47.78 ng/ml



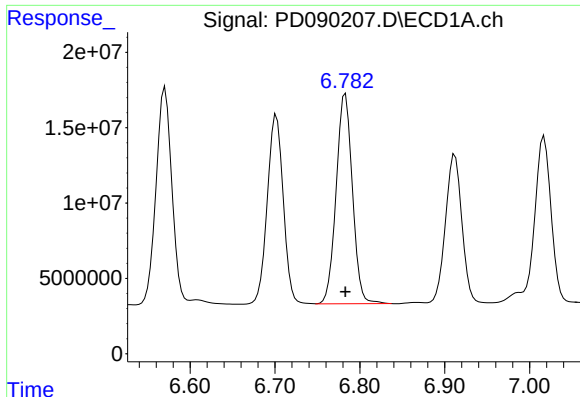
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 186530743
Conc: 45.02 ng/ml



#14 Endrin

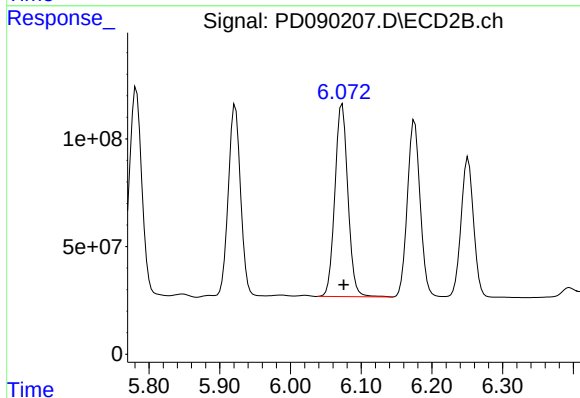
R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1208417916
Conc: 45.37 ng/ml



#15 Endosulfan II

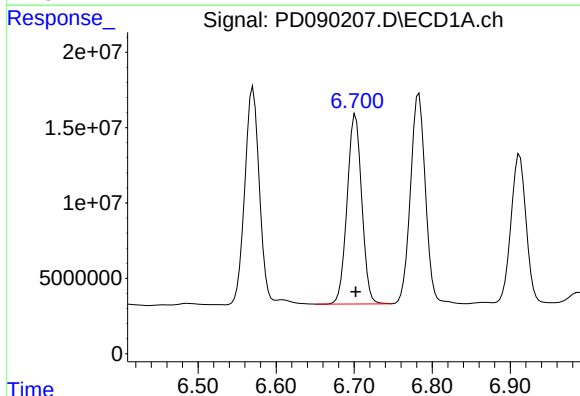
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 185460418
Conc: 43.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



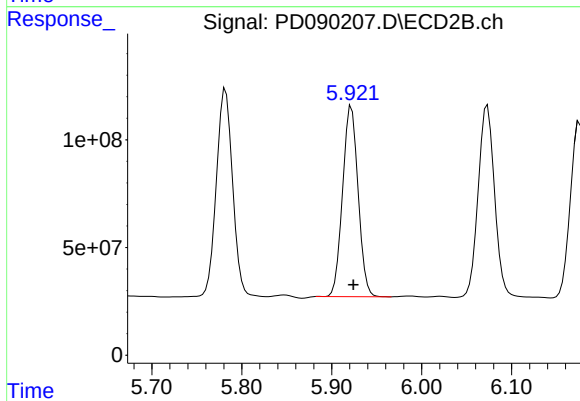
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1142989906
Conc: 45.19 ng/ml



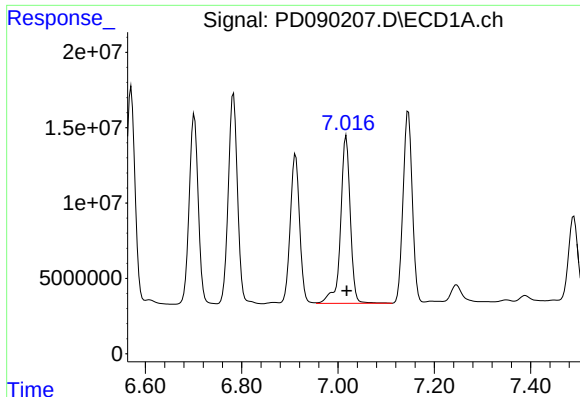
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 163826933
Conc: 47.36 ng/ml



#16 4,4'-DDD

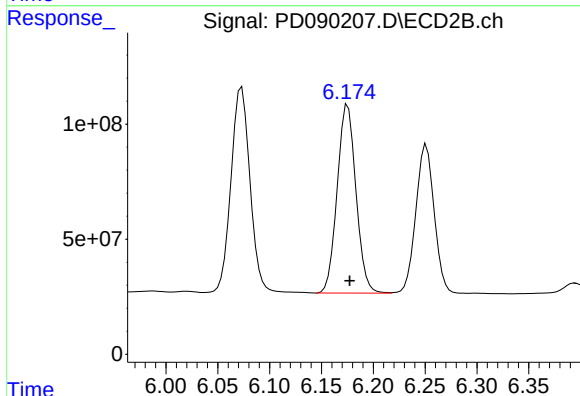
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1061573188
Conc: 44.15 ng/ml



#17 4,4'-DDT

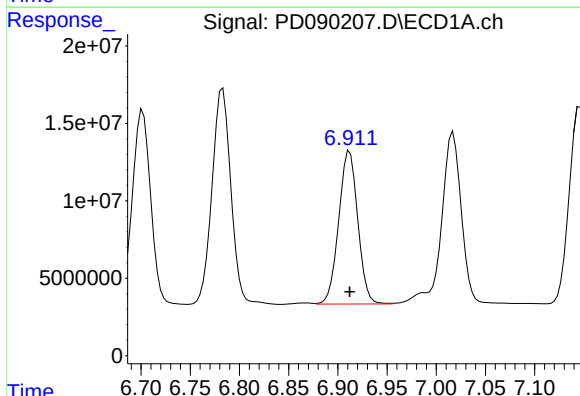
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 156013433
Conc: 40.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



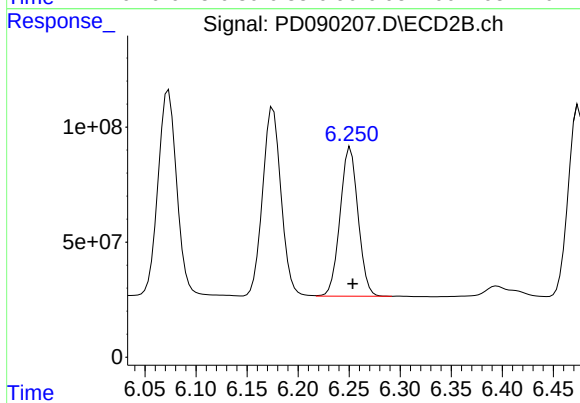
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 1032606925
Conc: 41.19 ng/ml



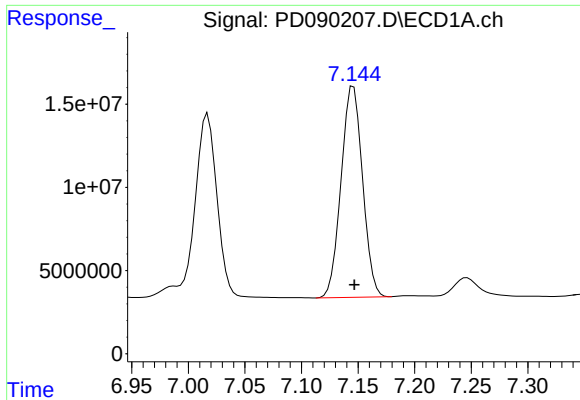
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 133551915
Conc: 46.58 ng/ml



#18 Endrin aldehyde

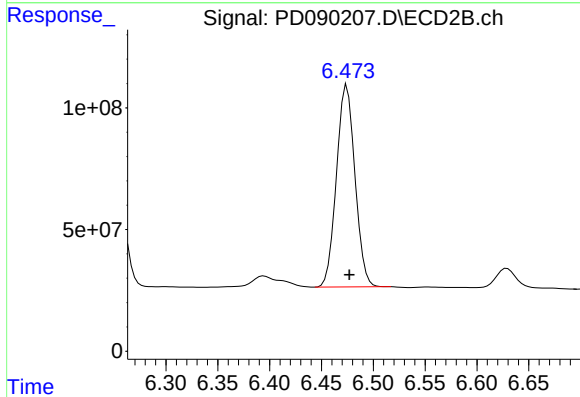
R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 794764636
Conc: 46.15 ng/ml



#19 Endosulfan Sulfate

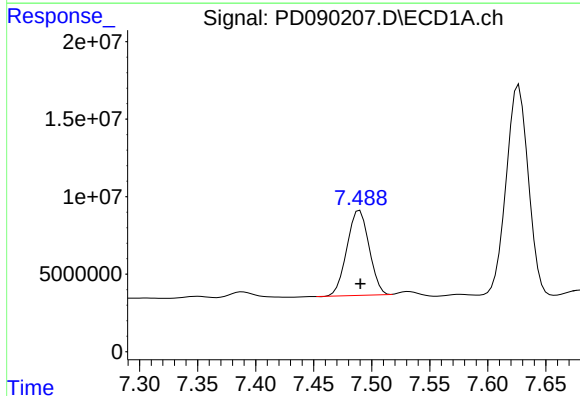
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 167539936
Conc: 42.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



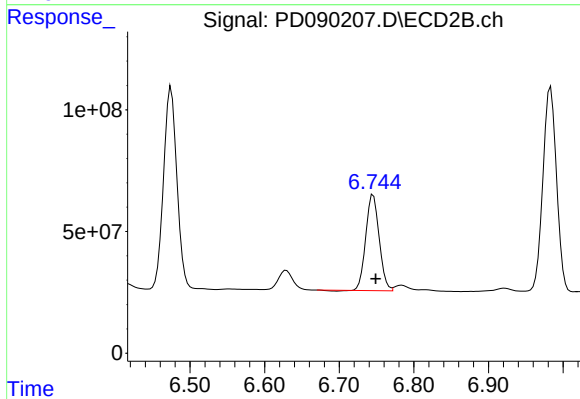
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1031337550
Conc: 42.30 ng/ml



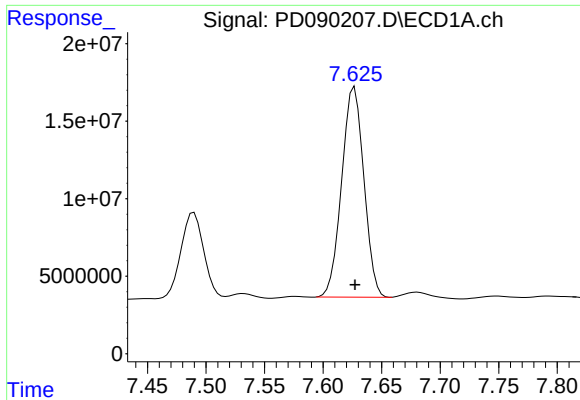
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 72701734
Conc: 36.25 ng/ml



#20 Methoxychlor

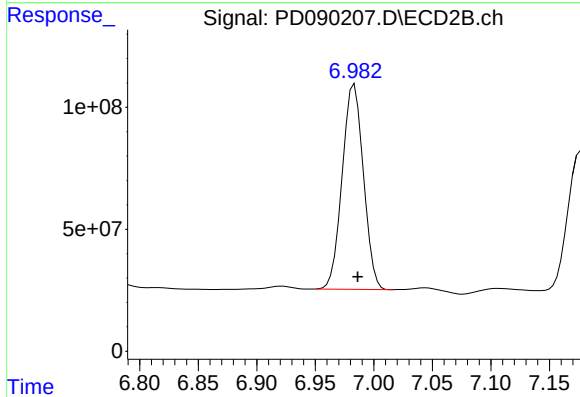
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 490404968
Conc: 38.03 ng/ml



#21 Endrin ketone

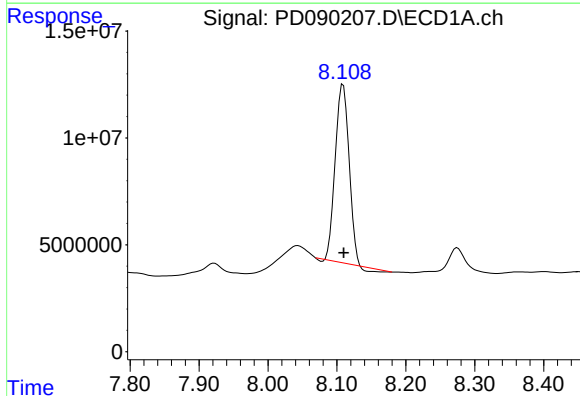
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 178991197
Conc: 43.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



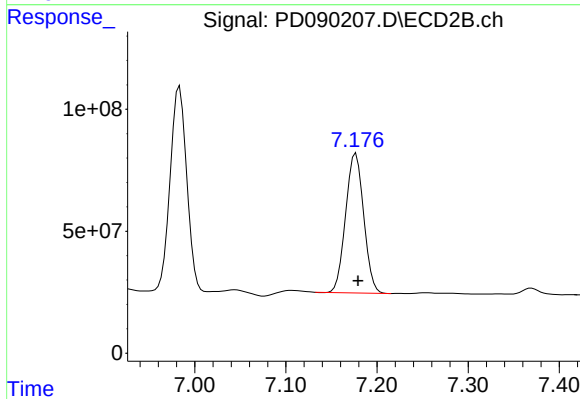
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 1060665411
Conc: 39.81 ng/ml



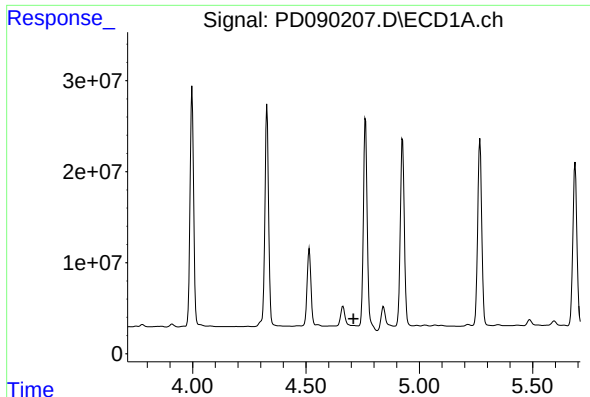
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 113365860
Conc: 35.94 ng/ml



#22 Mirex

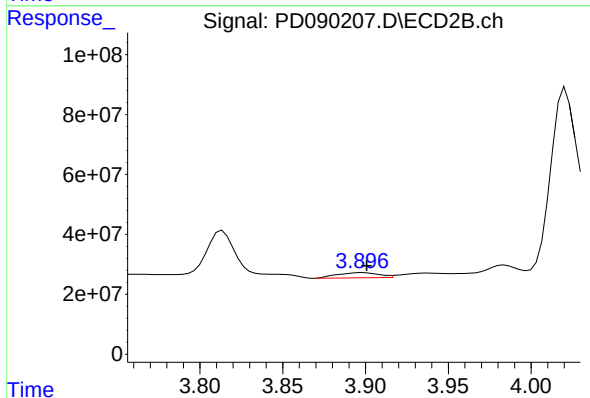
R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 787726226
Conc: 38.14 ng/ml



#23 Chlordane-1

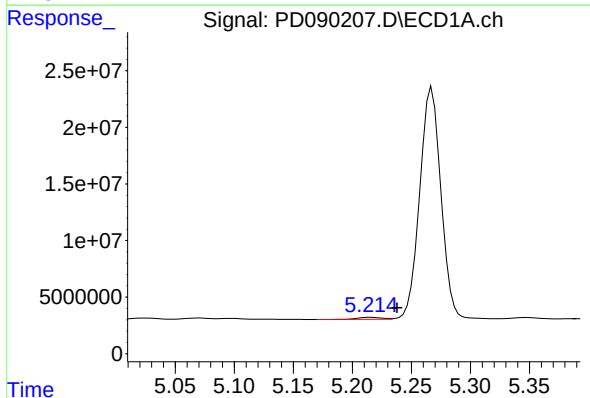
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



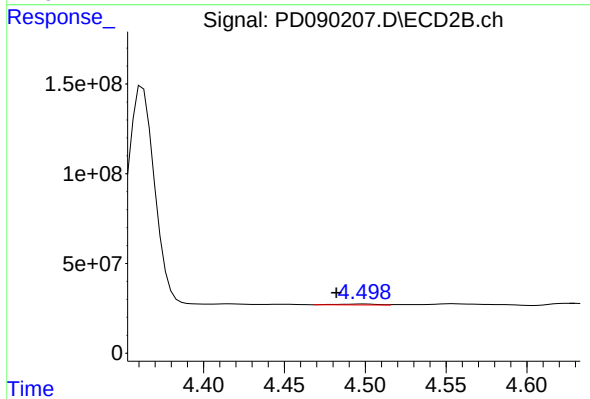
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.002 min
Response: 30033204
Conc: 33.79 ng/ml



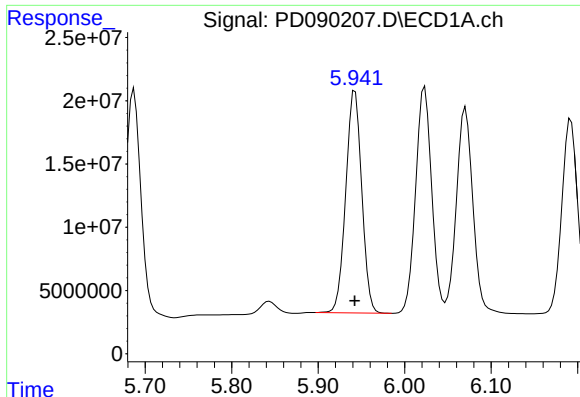
#24 Chlordane-2

R.T.: 5.215 min
Delta R.T.: -0.023 min
Response: 2493716
Conc: 14.17 ng/ml



#24 Chlordane-2

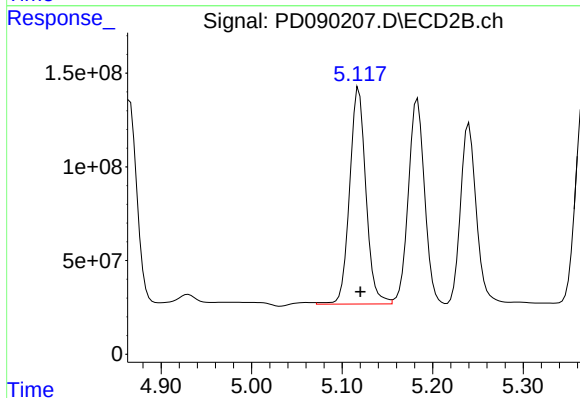
R.T.: 4.499 min
Delta R.T.: 0.017 min
Response: 8173954
Conc: 8.53 ng/ml



#25 Chlordane-3

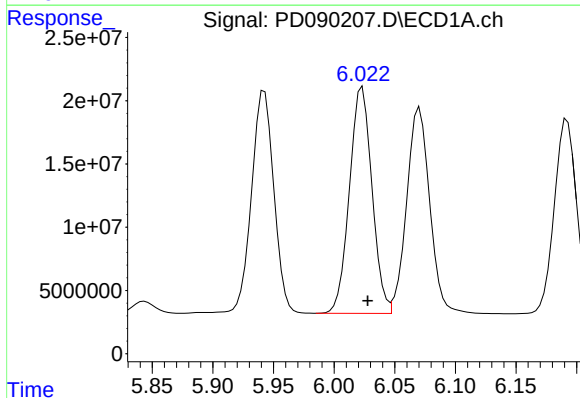
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 224135844
Conc: 330.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



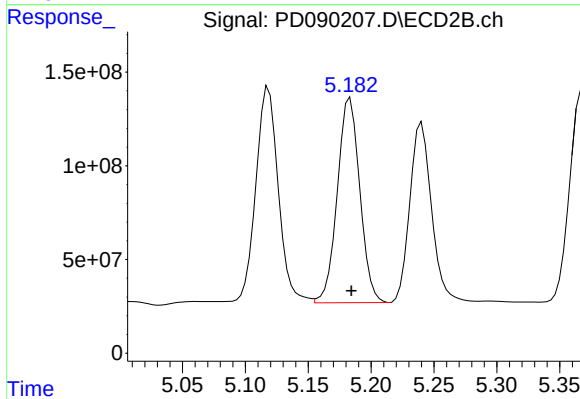
#25 Chlordane-3

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1446024331
Conc: 521.85 ng/ml



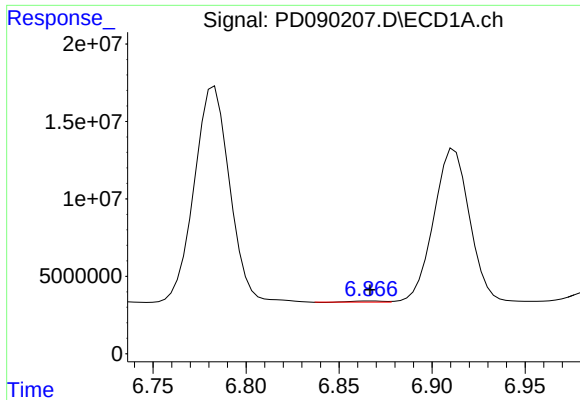
#26 Chlordane-4

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 231283677
Conc: 278.57 ng/ml



#26 Chlordane-4

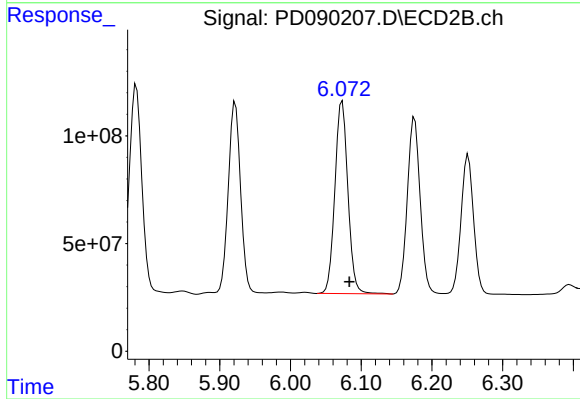
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1361089139
Conc: 565.49 ng/ml



#27 Chlordane-5

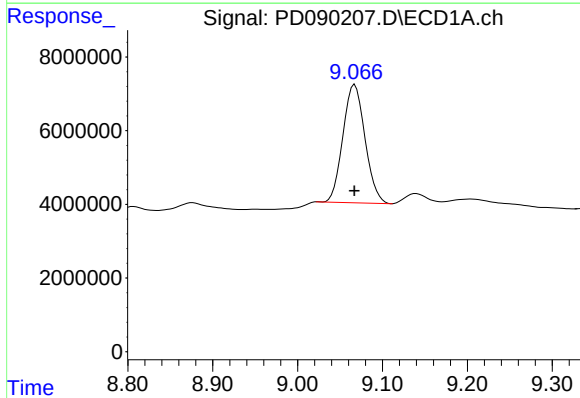
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 830243
Conc: 5.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-1MSD



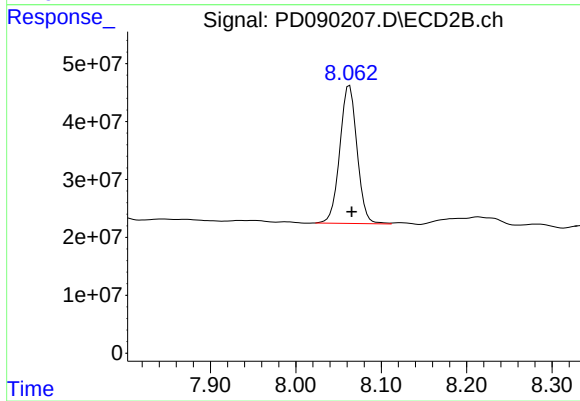
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.010 min
Response: 1142989906
Conc: 1039.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 57966209
Conc: 13.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 334837996
Conc: 12.94 ng/ml